

REMARKS

Applicants respectfully request reconsideration of this application as amended. Claims 1-3, 5-8, 10, 12, 14, 16, 19-21, 23 and 25-26 have been amended. Claims 28-31 have been cancelled without prejudice. No new claims have been added. Therefore, claims 1-27 are presented for examination.

35 U.S.C. § 101 Rejection

Claims 19-25, 30 and 31 are rejected under 35 U.S.C. § 101 because the claimed invention is directed to non-statutory subject matter.

35 U.S.C. § 103 Rejection

Claims 1-18 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Yuan, U.S. Patent No. 6,496,704 ("Yuan") in view of Perkins, "IP Mobility Support for IPv4" ("Perkins") and further in view of Magret, U.S. Patent No. 6,856,624 ("Magret").

Claim 1, as amended, recites:

A method for dynamically configuring a mobile node comprising:
issuing a first Dynamic Host Control Protocol ("DHCP") request;
receiving an address for a first home agent in response to the first DHCP request;
registering with the first home agent;
examining a registration reply from the first home agent to identify an extension,
wherein the extension includes an internal registration reply extension or
an external registration reply extension provided by the home agent;
determining from the extension whether the mobile node is on one of an internal
network and an external network; and
roaming the mobile node within and/or between the internal network and the
external network.
(emphasis added)

Yuan discloses "allowing internetwork data transfers to mobile data devices. In particular, the invention includes systems for internetworking a CDPD network system with an

Internet protocol network, and more particularly with a Mobile Internet Protocol Network. In one aspect, the invention can be understood as systems that allow mobile computing systems to negotiate the exchange of data across two disparate networks by providing within at least one of the networks a system that redirects the destination of data packets in order that the redirected data packets get forwarded to the changing locations of the Mobile Computing system.”

(Abstract).

Perkins discloses “protocol enhancements that allow transparent routing of IP datagrams to mobile nodes in the Internet. Each mobile node is always identified by its home address, regardless of its current point of attachment to the Internet.” (Abstract).

Magret discloses a “communication network providing mobile IP services to mobile nodes sharing the same private IP address. A mobile node visits a foreign network from its home network and transmits a registration request including its private IP address to a foreign agent on the foreign network. If the foreign agent determines that another mobile node with a valid registration shares the same private IP address, the foreign agent requests the mobile node to use a temporary address.” (Abstract).

In contrast, claim 1, as amended, in pertinent part, recites “the extension includes an internal registration reply extension or an external registration reply extension provided by the home agent . . . roaming the mobile node within and/or between the internal network and the external network” (emphasis added). Yuan, Perkins, and Magret, neither individually nor when combined in any combination, teach or reasonably suggest at least these features of claim 1. Accordingly, Applicants respectfully request the withdrawal of the rejection of claim 1 and its dependent claims.

Claims 10 and 19 include limitations similar to those of claims 1. Accordingly, Applicants respectfully request the withdrawal of the rejection of claims 10 and 19 and their dependent claims.

Claims 19-27 are rejected under 35 U.S.C. §103(a) as being unpatentable over Yuan in view of Perkins in view of Magret and further in view of Kumar, U.S. Patent No. 6,856,624 ("Kumar").

Claim 19 has been amended and as described above, claim 19 is allowable over the cited references. Accordingly, Applicants respectfully request the withdrawal of the rejection of claim 19 and its dependent claims.

Claims 28 and 29 are rejected under 35 U.S.C. §103(a) as being unpatentable over Yuan in view of Perkins.

Claims 30 and 31 are rejected under 35 U.S.C. §103(a) as being unpatentable over Yuan in view of Perkins and further in view of Kumar.

Claims 28-31 have been cancelled without prejudice.

Conclusion

In light of the foregoing, reconsideration and allowance of the claims is hereby earnestly requested.

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CENTRAL FAX CENTER****AUG 30 2007****Invitation for a Telephone Interview**

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Request for an Extension of Time

Applicants respectfully petition for a one month extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a). Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for this extension.

Charge our Deposit Account

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

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Date: August 30, 2007


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